

AMENDMENTS TO THE CLAIMS

Kindly amend the claims as follows:

1.-3. (Cancelled)

4. (Previously Presented) A tool honing guide and bevel setting jig for honing a tool, comprising:

a guide comprising a tool holder and a roller, and
a jig for removable coupling to the guide to facilitate positioning the tool in the guide to form a bevel at a predetermined angle,
wherein the tool has a cutting arris defined by a bevel and a reference surface, wherein the guide has a reference surface for contact with the tool, and wherein the tool is positioned within the guide with contact between the tool reference surface and the guide reference surface,
wherein the tool is secured in the guide by drawing a tool securing bar toward the guide reference surface to capture the tool between the bar and the guide reference surface and wherein at least a central portion of the bar has a generally triangular cross sectional shape.

5. (Previously Presented) The tool honing guide and bevel setting jig of claim 4, wherein the jig has at least one positioning surface for contact with a side of a tool during positioning of the tool in the jig.

6. (Previously Presented) The tool honing guide and bevel setting jig of claim 4, wherein the jig is adapted to be coupled to the guide in multiple positions, and further comprising indicia on at least one of the guide or jig to facilitate desirable positioning of the jig when coupling the jig to the guide so that the tool will be desirably positioned in the guide.

7. (Cancelled)

8. (Previously Presented) The tool honing guide and bevel setting jig of claim 4, further comprising a mechanism for positioning the roller in at least two locations relative to the tool holder to facilitate formation on a tool of a primary bevel with the roller in one of the at least two locations and a micro bevel with the roller in another of the at least two locations.

10.-12.(Cancelled)

13. (Previously Presented) A tool honing guide and bevel setting jig for honing a tool, comprising:

a guide comprising a tool holder and a roller, and
a jig for removable coupling to the guide to facilitate positioning the tool in the guide to form a bevel at a predetermined angle,
wherein the jig is releasably attachable to the guide by clamping the jig against a dovetail structure on the guide.

14. (Cancelled)

15. (Previously Presented) A tool honing guide for a tool having a cutting arris defined by a bevel and a reference surface, the guide comprising:

(a) a guide body having a reference surface for contact with the tool reference surface,
(b) structure accessible above the tool reference surface for securing the tool within the guide body, wherein the tool is secured in the guide by drawing a tool securing bar toward the guide reference surface to capture the tool between the bar and the guide reference surface, and

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(c) a roller mounted on the guide body for contact with an abrasive surface, wherein the shape of the bar swells from relatively constant thickness proximate two bar ends to a central portion having a generally triangular cross sectional shape.

16. (Cancelled)

17. (Cancelled)

18. (Previously Presented) The tool honing guide of claim 15, wherein the bar is secured to the guide body with one thumb nut threaded onto each of two studs protruding from the bar and passing through two holes in the guide body.

19. (Original) The tool honing guide of claim 15, further comprising structure attached to the guide to facilitate establishing projection of the tool from the guide.

20. (Original) The tool honing guide of claim 19, wherein the facilitating structure comprises a repositionable stop.

21. (Original) The tool honing guide of claim 15, further comprising a mechanism for positioning the roller in at least two locations relative to the tool holder to facilitate formation on a tool of a primary bevel with the roller in one of the at least two locations and a micro bevel with the roller in another of the at least two locations.

22. (Original) The tool honing guide claim 21, wherein the mechanism positions the roller in the at least two locations by moving the position of an axle on which the roller rotates.

23. (Cancelled)

24. (Cancelled)

25. (Original) The tool honing guide of claim 15, further comprising two arcuate arms attaching the guide reference surface and tool securing structure to a roller holding structure.

26.-29.(Cancelled)

30. (Original) The honing guide of claim 15, wherein the roller is mounted eccentrically on a shaft, the roller having a plurality of predetermined orienting stations thereon, and shaft orienting structure mounted on the guide body for engaging selected ones of the orienting stations to select a variation in attitude of the tool.

31. (Previously Presented) The honing guide of claim 30, further comprising locking structure to maintain the shaft orienting structure in engagement with the selected orienting station.

32. (Original) The honing guide of claim 31, wherein the locking structure comprises a spring and the shaft orienting structure and the orienting stations comprise mating detents and projections.

33. (Cancelled)

34. (Cancelled)

35. (Currently Amended) A tool honing guide and bevel setting jig for honing a tool, comprising:

a guide comprising a tool holder and a roller, and
a jig for removable coupling to the guide to facilitate positioning the tool in the guide to form a bevel at a predetermined angle, and
two concave surface clamping bars, each having a tool-contacting, concave surface positioned to oppose the other clamping bar concave surface and shaped to contact the tool along parallel lines at a first edge and a second edge of the bars.

36.-45.(Cancelled)

46. (Previously Presented) The tool honing guide and bevel setting jig of claim 13, wherein the jig has at least one positioning surface for contact with a side of a tool during positioning of the tool in the jig.

47. (Previously Presented) The tool honing guide and bevel setting jig of claim 13, wherein the jig is adapted to be coupled to the guide in multiple positions, and further comprising indicia on at least one of the guide or jig to facilitate desirable positioning of the jig when coupling the jig to the guide so that the tool will be desirably positioned in the guide.

48. (Previously Presented) The tool honing guide and bevel setting jig of claim 35, wherein the jig is adapted to be coupled to the guide in multiple positions, and further comprising indicia on at least one of the guide or jig to facilitate desirable positioning of the jig when coupling the jig to the guide so that the tool will be desirably positioned in the guide.

49. (Previously Presented) The tool honing guide and bevel setting jig of claim 13, further comprising a mechanism for positioning the roller in at least two locations relative to the tool holder to facilitate formation on a tool of a primary bevel with the roller in

one of the at least two locations and a micro bevel with the roller in another of the at least two locations.

50. (Previously Presented) The tool honing guide and bevel setting jig of claim 35, further comprising a mechanism for positioning the roller in at least two locations relative to the tool holder to facilitate formation on a tool of a primary bevel with the roller in one of the at least two locations and a micro bevel with the roller in another of the at least two locations.

51. (Previously Presented) The tool honing guide of claim 4, wherein the bar is secured to the guide body with one thumb nut threaded onto each of two studs protruding from the bar and passing through two holes in the guide body.

52. (Previously Presented) The tool honing guide of claim 35, wherein the bar is secured to the guide body with one thumb nut threaded onto each of two studs protruding from the bar and passing through two holes in the guide body.

53. (Previously Presented) The tool honing guide of claim 4, further comprising structure attached to the guide to facilitate establishing projection of the tool from the guide.

54. (Previously Presented) The tool honing guide of claim 53, wherein the facilitating structure comprises a repositionable stop.

55. (Previously Presented) The tool honing guide of claim 13, further comprising structure attached to the guide to facilitate establishing projection of the tool from the guide.

56. (Previously Presented) The tool honing guide of claim 55, wherein the facilitating structure comprises a repositionable stop.

57. (Previously Presented) The tool honing guide of claim 35, further comprising structure attached to the guide to facilitate establishing projection of the tool from the guide.

58. (Previously Presented) The tool honing guide of claim 57, wherein the facilitating structure comprises a repositionable stop.

59. (Previously Presented) The tool honing guide claim 9, wherein the mechanism positions the roller in the at least two locations by moving the position of an axle on which the roller rotates.

60. (Previously Presented) The tool honing guide claim 49, wherein the mechanism positions the roller in the at least two locations by moving the position of an axle on which the roller rotates.

61. (Previously Presented) The tool honing guide claim 50, wherein the mechanism positions the roller in the at least two locations by moving the position of an axle on which the roller rotates.

62. (Previously Presented) The honing guide of claim 4, wherein the roller is mounted eccentrically on a shaft, the roller having a plurality of predetermined orienting stations thereon, and shaft orienting structure mounted on the guide body for engaging selected ones of the orienting stations to select a variation in attitude of the tool.

63. (Previously Presented) The honing guide of claim 62, further comprising locking structure to maintain the shaft orienting structure in engagement with the selected orienting station.

64. (Previously Presented) The honing guide of claim 63, wherein the locking structure comprises a spring and the shaft orienting structure and the orienting stations comprise mating detents and projections.

65. (Previously Presented) The honing guide of claim 13, wherein the roller is mounted eccentrically on a shaft, the roller having a plurality of predetermined orienting stations thereon, and shaft orienting structure mounted on the guide body for engaging selected ones of the orienting stations to select a variation in attitude of the tool.

66. (Previously Presented) The honing guide of claim 65, further comprising locking structure to maintain the shaft orienting structure in engagement with the selected orienting station.

67. (Previously Presented) The honing guide of claim 66, wherein the locking structure comprises a spring and the shaft orienting structure and the orienting stations comprise mating detents and projections.

68. (Previously Presented) The honing guide of claim 35, wherein the roller is mounted eccentrically on a shaft, the roller having a plurality of predetermined orienting stations thereon, and shaft orienting structure mounted on the guide body for engaging selected ones of the orienting stations to select a variation in attitude of the tool.

69. (Previously Presented) The honing guide of claim 68, further comprising locking structure to maintain the shaft orienting structure in engagement with the selected orienting station.

70. (Previously Presented) The honing guide of claim 69, wherein the locking structure comprises a spring and the shaft orienting structure and the orienting stations comprise mating detents and projections.